

L Number	Hits	Search Text	DB	Time stamp
1	884	((opening or trench) with (insulating or insulator)) and (layer with oxygen) and 438/\$.cccls.	USPAT	2002/01/07 13:39
2	64	((opening or trench) with (insulating or insulator)) and (layer with oxygen) and 438/\$.cccls.) and (concentration with oxygen)	USPAT	2002/01/07 13:40
3	27	((opening or trench) with (insulating or insulator)) and (layer with oxygen) and 438/\$.cccls.) and (concentration with oxygen with (low or high))	USPAT	2002/01/07 13:40
4	496	((opening or trench) with (insulating or insulator)) and (layer with oxygen) and 257/\$.cccls.	USPAT	2002/01/07 13:39
5	14	((opening or trench) with (insulating or insulator)) and (layer with oxygen) and 257/\$.cccls.) and (concentration with oxygen with (low or high))	USPAT	2002/01/07 13:40
6	12	((((opening or trench) with (insulating or insulator)) and (layer with oxygen) and 257/\$.cccls.) and (concentration with oxygen with (low or high))) not (((opening or trench) with (insulating or insulator)) and (layer with oxygen) and 438/\$.cccls.) and (concentration with oxygen with (low or high)))	USPAT	2002/01/07 13:40

Comments	Error Definition	Errors
1		0
2		0
3		0
4		0
5		0
6		0
7		0
8		0

01/07/2002, EAST version: 1.02.0008

01/07/2002; EAST version: 1.02.0008

01/07/2002, EAST version: 1.02.0008

01/07/2002, EAST version: 1.02.0008

Type	Hits	Search Text	DBs	Time Stamp
14	BRS	684058 ("4386537") or ("438653") or ("438656") or and barrier layer	USPAT	2002/01/07 07:57
15	BRS	1044 ("4386537") or ("438653") or ("438656") or and (barrier adj layer)	USPAT	2002/01/07 07:57
16	BRS	442 ("4386537") or ("438653") or ("438656") or and (barrier adj layer) and oxygen	USPAT; US-PPGPUB	2002/01/07 07:59
17	BRS	269 ("4386537") or ("438653") or ("438656") or and (barrier adj layer) and oxygen	USPAT; US-PPGPUB	2002/01/07 07:59
18	BRS	10 ("4386537") or ("438653") or ("438656") or and (barrier adj layer) and oxygen and copper and (diffusion with stop)	USPAT; US-PPGPUB	2002/01/07 08:06
19	BRS	31 ("3844831") "4242698" "4367119" "4386116" "4801326" "4900624" "47892534" "4808552" "9944856" "9948755" "9956313" "4966810" "4992135" "4993118" "5000818" "5010039" "50117276" "5035908" "5117276" "5143820" "5209817" "5219787" "5244837" "5277985" "5300813" "5308796" "5310802" "5340370" "5310407" "5612254" PN ("4386537") or ("438653") or ("438656") or ("438657") or ("438658") or ("438659") or and (barrier adj layer) and oxygen and copper and (elongation adj line)	USPAT	2002/01/07 08:04
20	BRS	0 ("4386537") or ("438653") or ("438656") or ("438657") or ("438658") or ("438659") or and (barrier adj layer) and oxygen and copper and (Ti-Si-N)	USPAT; US-PPGPUB	2002/01/07 08:09
21	BRS	10 ("5770520" "5824599" "5851367" "5913144" "5918150" "5976928" "5130161" PN	USPAT; US-PPGPUB	2002/01/07 08:32
22	BRS	7 ("5918150" "5976928" "5130161" PN	USPAT	2002/01/07 08:12

01/07/2002, EAST version: 1.02.0008

Type	Hits	Search Text	DBs	Time Stamp
23	BRS	7 ("5770520" "5824599" "5851367" "5913144" "5918150" "5976928" "5130161" PN	USPAT	2002/01/07 08:31
24	IS&R	1 ("5913144"), PN	USPAT	2002/01/07 08:35
25	BRS	24302 ((4387??),ccs) and ((257???,ccs))	USPAT; US-PPGPUB; EPO; JPO; DERVENT; IBM	2002/01/07 08:37
26	BRS	5813 (((4387??),ccs) and ((257???,ccs)) and ((i si n) and (oxygen o osub2)))	USPAT; US-PPGPUB; EPO; JPO; DERVENT; IBM	2002/01/07 10:50
27	BRS	1385 (((4387??),ccs) and ((257???,ccs)) and (cu copper)) and (oxygen o osub2)) and (cu copper))	USPAT; US-PPGPUB; EPO; JPO; DERVENT; IBM	2002/01/07 11:34
28	BRS	99 (((4387??),ccs) and ((257???,ccs)) and ((i si n) and (oxygen o osub2))) and (diffusion with layer with (cu copper))	USPAT	2002/01/07 08:41
29	BRS	7 ("5770520" "5824599" "5851367" "5913144" "5918150" "5976928" "5130161" PN	USPAT	2002/01/07 09:32

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17	BRS	269 ("4386537") or ("438653") or ("438656") or and (barrier adj layer) and oxygen	USPAT; US-PPGPUB	2002/01/07 07:59
18	BRS	10 ("4386537") or ("438653") or ("438656") or and (barrier adj layer) and oxygen and copper and (diffusion with stop)	USPAT; US-PPGPUB	2002/01/07 08:06
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